

# Footwear manufacturing technician

## Description

*This person is in charge of running all modelling, cutting, closing, assembling and finishing footwear, in accordance with the quality, environmental, health and safety standards. In addition, they are able to run their own business, handling the product promotion in various channels, notably on-line, and dealing with the management of a micro company.*

## Professional Skills/Competences

(Job-related skills/competences)

- Identifying and recognising the characteristics and behaviours of the raw materials;
- Identifying and recognising the different types of defaults of the raw-materials;
- Identifying and characterising the manufacturing process of the footwear components;
- Detecting defaults regarding footwear pieces and components;
- Applying cutting methods and techniques;
- Analysing the raw-material, identifying defaults and surface defects;
- Performing the nesting: positioning the moulds/cutting devices on the raw-material's surface, taking into account the defaults previously detected and signalled, in order to optimise the raw material;
- Optimising the leather and other cutting materials;
- Using pre-stitching methods and techniques;
- Using stitching methods and techniques;
- Identifying and using the adequate machines and tools;
- Programming the equipment according to the materials and the technical operation description;
- Selecting the machine accessories, putting them in the right place and adjust them to the machine;
- Detecting defaults on the equipment;
- Performing the cleaning and conservation processes on equipment and tools;
- Using lasting and assembling methods and techniques;
- Using finishing methods and techniques;
- Having knowledge on foot anatomy;
- Developing footwear pattern-making techniques;
- Detecting defaults regarding footwear pieces and components;
- Applying footwear manufacturing quality control procedures and standards, controlling the quality of the work done and proceeding with the necessary adjustments;
- Applying footwear-specific, environmental, safety and hygiene-at-work procedures and standards;
- Creating a business plan;
- Implementing an effective and efficient assistance service toward potential clients throughout the process (design, technical development, manufacturing and post-selling)

## TECHNICAL AND SOFT Skills

(Personal and social skills)

Technical Skills:

- Computer notions from the user's perspective
- Environment, safety and hygiene at work in the footwear manufacturing context
- Footwear pattern-making techniques
- Properties and behaviour of raw materials
- Manufacturing processes and technologies
- Typology, operation, regulation and conservation of the equipment involved in the processes
- Quality-control standards and procedures

Soft Skills:

- Adaptation to different organisational contexts
- Adaptation to new technologies and materials
- Organisation of their own workplace
- Ability to take initiative to find adequate solution to the problems posed
- Ability to work in a team and cooperate toward common aims

**Work/professional environment**

This person works in an office-based environment within the following departments/job related positions:

- Technical Development
- Production Planning
- Supply Chain Management
- Logistics
- Maintenance
- Quality Management
- Environmental management
- Production Management
- Human Resources Management